

## ABSTRACT OF THE INVENTION

NOVEL BAG PROTEINS AND  
NUCLEIC ACID MOLECULES ENCODING THEM

The present invention provides a family of BAG-1  
5 related proteins from humans (BAG-1L, BAG-1, BAG-2, BAG-3,  
BAG-4 and BAG-5), the invertebrate *C.elegans* (BAG-1, BAG-2)  
and the fission yeast *S.pombe* (BAG-1A, BAG-1B) and the  
nucleic acid molecules that encode them.